

# Martin D Ryan

## List of Publications by Citations

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18  
papers

1,739  
citations

11  
h-index

18  
g-index

18  
ext. papers

1,976  
ext. citations

5.4  
avg. IF

3.99  
L-index

#	Paper	IF	Citations
18	Analysis of the aphthovirus 2A/2B polyprotein 'cleavage' mechanism indicates not a proteolytic reaction, but a novel translational effect: a putative ribosomal 'skip'. <i>Journal of General Virology</i> , <b>2001</b> , 82, 1013-1025	4.9	546
17	The 'cleavage' activities of foot-and-mouth disease virus 2A site-directed mutants and naturally occurring '2A-like' sequences. <i>Journal of General Virology</i> , <b>2001</b> , 82, 1027-1041	4.9	396
16	Cleavage of foot-and-mouth disease virus polyprotein is mediated by residues located within a 19 amino acid sequence. <i>Journal of General Virology</i> , <b>1991</b> , 72 ( Pt 11), 2727-32	4.9	356
15	RNA virus attenuation by codon pair deoptimisation is an artefact of increases in CpG/UpA dinucleotide frequencies. <i>ELife</i> , <b>2014</b> , 3, e04531	8.9	119
14	Occurrence, function and evolutionary origins of '2A-like' sequences in virus genomes. <i>Journal of General Virology</i> , <b>2008</b> , 89, 1036-1042	4.9	92
13	Enabling technologies for manipulating multiple genes on complex pathways. <i>Plant Molecular Biology</i> , <b>2001</b> , 47, 295-310	4.6	61
12	Expression of heterologous genes in oncolytic adenoviruses using picornaviral 2A sequences that trigger ribosome skipping. <i>Journal of General Virology</i> , <b>2008</b> , 89, 389-396	4.9	39
11	2A to the fore - research, technology and applications. <i>Biotechnology and Genetic Engineering Reviews</i> , <b>2010</b> , 26, 223-60	4.1	35
10	Attenuation of dengue (and other RNA viruses) with codon pair recoding can be explained by increased CpG/UpA dinucleotide frequencies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E3633-4	11.5	21
9	FMDV replicons encoding green fluorescent protein are replication competent. <i>Journal of Virological Methods</i> , <b>2014</b> , 209, 35-40	2.6	21
8	A Transgenic Line That Reports CSF1R Protein Expression Provides a Definitive Marker for the Mouse Mononuclear Phagocyte System. <i>Journal of Immunology</i> , <b>2020</b> , 205, 3154-3166	5.3	18
7	A novel cleavage site within the potato leafroll virus P1 polyprotein. <i>Journal of General Virology</i> , <b>2007</b> , 88, 1620-1623	4.9	11
6	Using the 2A Protein Coexpression System: Multicistronic 2A Vectors Expressing Gene(s) of Interest and Reporter Proteins. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1755, 31-48	1.4	10
5	"Therapeutic applications of the 'NPGP' family of viral 2As". <i>Reviews in Medical Virology</i> , <b>2018</b> , 28, e200111.7	11.7	6
4	The Aphtho- and Cardiovirus Primary 2A/2B Polyprotein Cleavage		4
3	Author response: RNA virus attenuation by codon pair deoptimisation is an artefact of increases in CpG/UpA dinucleotide frequencies <b>2014</b> ,		2
2	Mutagenesis Mapping of RNA Structures within the Foot-and-Mouth Disease Virus Genome Reveals Functional Elements Localized in the Polymerase (3D)-Encoding Region. <i>MSphere</i> , <b>2021</b> , 6, e0001521	5	2

- 1 Expression and immunogenicity of secreted forms of bovine ephemeral fever virus glycoproteins applied to subunit vaccine development. *Journal of Applied Microbiology*, **2021**, 131, 1123-1135 4.7 ○